UTILITY PATENT APPLICATION TRANSMITTAL
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(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dated: December 5, 2003

Mail Stop **Patent Application**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor(s):   Robert R. ALFANO, Shengkun ZHANG, Wubao WANG

For: Photodetectors and Optically Pumped Emitters Based on III-Nitride Multiple-Quantum-Well Structures

Enclosed are:

- Transmittal letter **(2x)** with Fee Computation Sheet
- General Authorization For Payment of Fees **(2x)**
- Title Page, Specification, Claims 1 to 36 & Abstract (25 pages [total number of pages of application])
- Unexecuted Declaration and Power of Attorney (3 p.)
- 8 sheet(s) of drawing(s) (Figs. 1 to 8)
- Check for **$572** for filing fee
- Small Entity Status is claimed
- Information Disclosure Statement
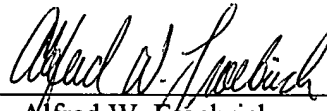- PTO Form 1449 with copy (1 docs.) of cited reference
- Return Receipt Postcard

This application is to be assigned to: Research Foundation of City University of New York

[]   Please charge my Deposit Account No. 03-2412 in the amount of $_. A duplicate copy of this sheet is enclosed.

[x]   The Commissioner is hereby authorized to charge payment of the following fees associated with this application or credit any overpayment to Deposit Acct. No. 03-2412.
    [x]   Any additional filing fees required under 37 CFR 1.16.
    [x]   Any patent application processing fees under 37 CFR 1.17
    [x]   Any filing fees under 37 CFR 1.16 for presentation of extra claims.

[x]   Priority is claimed for this invention and application, corresponding applications having been filed in **US** on **December 05, 2002**, No. **60/430,971**.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By:_____
Alfred W. Froebrich
Reg. No. 38,887

551 Fifth Avenue, Suite 1210
New York, New York 10176
Tel: (212) 687-2770
Fax: (212) 972-5487

Attorney Docket # 5250- 7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Robert R. ALFANO et al.

Serial No.: n/a

Filed: concurrently

For: Photodetectors and Optically Pumped Emitters Based on III-Nitride Multiple-Quantum-Well Structures

Check box if applicable:
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GENERAL AUTHORIZATION FOR PAYMENT OF FEES
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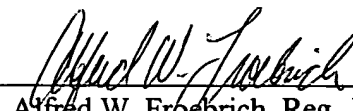Commissioner for Patents
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[X] Any filing fees required under 37 CFR §1.16.

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[X] The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.

[X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By _____
Alfred W. Froebrich, Reg. No. 38,887
551 Fifth Avenue, Suite 1210
New York, New York 10176
(212) 687-2770

Dated: December 5, 2003

By Express Mail #EV402735955US

Attorney Docket No.: **5250- 7**

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The filing fee has been calculated as shown below:

FOR:	Col. 1	Col. 2	SMALL ENTITY	OTHER THAN SMALL ENTITY
	# FILED	# EXTRA		
BASIC FEE			$385	$770
TOTAL CLAIMS	<u>36</u> - 20 =	<u>16</u>	x 9 = $ 144	x 18 = $
INDEPENDENT CLAIMS	<u>4</u> - 3 =	<u>1</u>	x 43 = $ 43	x 86 = $
[] MULTIPLE DEPENDENCY			+$145 = $	+290 $
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2			TOTAL: $ 572	$